

EXPRESS MAIL LABEL NO. EL746147029US

wireless network, that allow a computer to read such computer readable information.

Although specific embodiments of the invention have been disclosed,
5 those having ordinary skill in the art will understand that changes can be made to
the specific embodiments without departing from the spirit and scope of the
invention. The scope of the invention is not to be restricted, therefore, to the
specific embodiments, and it is intended that the appended claims cover any and
all such applications, modifications, and embodiments within the scope of the
10 present invention.

What is claimed is:

CLAIMS

1. A communication system comprising:
a plurality of wireless communication devices; and
5 a central communication proximity server, communicatively coupled to the plurality of wireless communication devices, wherein a requesting one of the plurality of wireless communication devices sends into the communication system a wireless message proximity request and in response thereto the central communication proximity server sends a wireless message proximity response to
10 the requesting one of the plurality of wireless communication devices for identifying thereto the at least one of the plurality of wireless communication devices that satisfy a proximity requirement associated with the requesting one of the plurality of wireless communication devices.

15 2. The communication system of claim 1, wherein the requesting one of the plurality of wireless communication devices, in response to receiving the a wireless message proximity response, displays choices to a user via a display to prompt the user to make a selection of at least one of the plurality of wireless communication devices that satisfy the proximity requirement.

EXPRESS MAIL LABEL NO. EL746147029US

3. A communication system comprising:

a plurality of wireless communication devices;

a plurality of emergency service; and

a central communication proximity server, communicatively coupled to the

5 plurality of wireless communication devices and to the plurality of emergency
service, wherein a requesting one of the plurality of wireless communication
devices sends into the communication system a wireless message proximity
emergency service request and in response thereto the central communication
proximity server contacts selected at least one of the plurality of emergency
10 service that satisfies a proximity requirement associated with the requesting one
of the plurality of wireless communication devices for identifying to the selected
at least one of the plurality of emergency services the requesting one of the
plurality of wireless communication devices.

15 4. The communication system of claim 3, wherein the plurality of emergency
service comprises at least one from the following list of emergency services: an
emergency facility, an emergency mobile unit, an emergency service person, an
officer with wireless communication device, and an individual with wireless
communication device.

EXPRESS MAIL LABEL NO. EL746147029US

5. The communication system of claim 3, wherein the central communication proximity server, in response to the wireless message proximity emergency service request, additionally sends a wireless message proximity response to the requesting one of the plurality of wireless communication devices for identifying thereto at least the selected at least one of the plurality of emergency services.

6. The communication system of claim 5, wherein the requesting one of the plurality of wireless communication devices includes a display, and wherein the requesting one of the plurality of wireless communication devices displays to a user choices from information received in the wireless message proximity response for prompting the user to select at least one of the plurality of emergency service that satisfies the proximity requirement to initiate communication therewith.

7. The communication system of claim 5, wherein the requesting one of the plurality of wireless communication devices includes a display, and in response to receiving the wireless message proximity response, displays information via the display for identifying the selected at least one of the plurality of emergency service that satisfies the proximity requirement.

EXPRESS MAIL LABEL NO. EL746147029US

8. A communication system comprising:

at least one wireless communication device including:

a location determining system for determining location

information corresponding to the at least one wireless communication device in

5 the communication system; and

a wireless communication interface for communicating
messages via a wireless communication network; and

a communication management server, communicatively coupled to
the wireless communication network to communicate with the at least one
10 wireless communication device, the communication management server
including:

a first memory for storing location tracking information
corresponding to the at least one wireless communication device;

and

15 a second memory for storing a proximity communication
profile for the at least one wireless communication device, the communication
management server in response to receiving a proximity communication request
message from the at least one wireless communication device initiates a
communication with a communication device that is determined to be in proximity
20 to a location for the at least one wireless communication device.

EXPRESS MAIL LABEL NO. EL746147029US

9. The communication system of claim 8, wherein the communication management server comprises:

a communication request handler communicatively coupled to the wireless communication network to communicate with the at least one wireless communication device;

a location database communicatively coupled to the communication request handler and containing the current location and a device identifier for the at least one wireless communication device;

a proximity service handler communicatively coupled to the location database to determine a distance between the at least one wireless communication device and at least another communication device; and

a proximity communication profile database, communicatively coupled to the proximity service handler, containing proximity communication preferences for each of the at least one wireless communication device, the communication management server in response to receiving a proximity communication request message from the at least one wireless communication device initiates a communication with a communication device that is determined to be in proximity to a location for the at least one wireless communication device.

EXPRESS MAIL LABEL NO. EL746147029US

10. The communication system of claim 8, wherein the communication management server comprises:

an alert handler communicatively coupled to the location database and to the wireless communication network to communicate with the at least one wireless communication device;

a location database, communicatively coupled to the alert handler, containing the current location and a device identifier for the at least one wireless communication device;

a proximity service handler, communicatively coupled to the location database, for determining a distance between the at least one wireless communication device and at least another communication device; and

a proximity communication profile database, communicatively coupled to the proximity service, containing proximity communication preferences for each of the at least one wireless communication device, the communication management server in response to receiving a proximity communication request message from the at least one wireless communication device initiates a communication with a communication device that is determined to be in proximity to a location for the at least one wireless communication device.

EXPRESS MAIL LABEL NO. EL746147029US

11. A method comprising the steps of:

computing a distance between a received location and the location of
each of a plurality of wireless communication devices from a location database;
comparing the distance with a list of preferences from a profile database;

5 and

sending the location and identifier of the plurality of wireless
communication devices satisfying the list of preferences destined for reception at
one of the plurality of wireless communication devices.

10 12. The method of claim 11, further comprising the step of:

displaying the location and identifier of the plurality of wireless
communication devices satisfying the list of preferences.

EXPRESS MAIL LABEL NO. EL746147029US

13. A method comprising the steps of:

computing a distance between a received location and the location of

each of a plurality of wireless communication devices from a location database;

comparing the distance with a list of preferences from a profile database;

5 and

sending alert notification destined for reception at the plurality of wireless

communication devices satisfying the list of preferences.

EXPRESS MAIL LABEL NO. EL746147029US

14. A method comprising the steps of:

computing a distance between a received location indication of a wireless communication device and the location of at least one emergency service;

comparing the distance with a proximity preference for the wireless communication device from a profile database; and

sending an alert notification to one of the at least one emergency service satisfying the proximity preference for the wireless communication device.

15. The method of claim 14, wherein the at least one emergency service

comprises at least one from the following list of emergency services: an emergency facility, an emergency mobile unit, an emergency service person, an officer with wireless communication device, and an individual with wireless communication device.

EXPRESS MAIL LABEL NO. EL746147029US

16. A computer readable medium including computer instructions for a communication system, the computer instructions comprising instructions for:

- computing a distance between a received location and the location of a plurality of wireless communication devices from a location database;
- 5 comparing a distance with a list of proximity preferences from a profile database; and
- sending the location and identifier of the plurality of wireless communication devices satisfying the list of proximity preferences destined for reception at one of the plurality of wireless communication devices.

10

EXPRESS MAIL LABEL NO. EL746147029US

17. A computer readable medium including computer instructions for a communication system, the computer instructions comprising instructions for:

computing a distance between a received location indication of a wireless communication device and the location of at least one emergency service;

5 comparing the distance with a proximity preference for the wireless communication device from a profile database; and

sending an alert notification to one of the at least one emergency service satisfying the proximity preference for the wireless communication device.

10 18. The computer readable medium of claim 17, wherein the at least one emergency service comprises at least one from the following list of emergency services: an emergency facility, an emergency mobile unit, an emergency service person, an officer with wireless communication device, and an individual with wireless communication device.